

SEALED DAMPER ASSEMBLY

ABSTRACT OF THE DISCLOSURE

A motorized damper door assembly for use in freezing temperature applications includes a damper frame, a damper door having a mounting portion rotatably mounted to the frame, and a seal member having a vertically extending moisture barrier adjacent the mounting portion. The door mounting portion and the moisture barrier together form a reservoir inside the door mounting portion to prevent moisture from seeping directly into the motor housing below the door mounting portion. Consequently, as moisture accumulation in the motor housing is avoided, associated damper jamming and impaired performance issues are also avoided.